

Please amend the Abstract at page 60, lines 1-17, as follows:

ABSTRACT OF THE DISCLOSURE

An information processing system includes a first processor having a first local memory, a second processor having a second local memory, and a third processor having a third local memory. The system further includes a unit which maps one of the second and third local memories in part of an effective address space of a first thread to be executed by the first processor[[], the]]. The mapped one of the second and third local memories being is the local memory of a corresponding one of the second and third processors, which executes a second thread interacting with the first thread,and. The system also includes a unit which that changes a local memory to be mapped in part of the effective address space of the first thread from the one of the second and third local memories which is to be mapped in part of the effective address space to the other when one of the second and third processor that executes the second thread is changed to the other.